

ABSTRACT

A vehicle control system includes a generating device (1,4), a motor (5) electrically connected to this generating device (1,4) and a battery (27), and a controller (11, 12, 13). This controller (11, 12, 13) computes a target motor power based on a vehicle running condition, computes an available battery output which can be supplied from the battery (27) to the motor (5) based on this target motor power, computes a target generated power of the generating device (1,4) based on the available battery output and target motor power, and controls the generating device (1,4) based on the target generated power.